

A schematic diagram of a mechanical assembly, likely a robotic gripper or a specialized transport mechanism. The diagram shows a central vertical axis of rotation, indicated by a curved arrow at the top. A horizontal bar (7) is mounted on this axis. Below the bar, a complex arm (6) is shown, which is pivoted at its base (11) and can rotate around a vertical axis (indicated by a curved arrow). The arm (6) holds a curved, semi-circular component (1) that can rotate around a horizontal axis (indicated by a curved arrow). This curved component (1) has a central pivot point (9) and is supported by a vertical post (3) and a horizontal bar (5). The assembly is mounted on a base (10). A coordinate system is shown on the right, with the x-axis pointing up, the y-axis pointing out of the page (indicated by a circle with a dot), and the z-axis pointing to the right. Various components are numbered: 1 (curved component), 2 (small block), 3 (vertical post), 4 (rotational arrow), 5 (horizontal bar), 6 (arm), 7 (top bar), 8 (small block), 9 (pivot point), 10 (base), 11 (pivot block), 12 (small block), 13 (small block).

FIG.1b

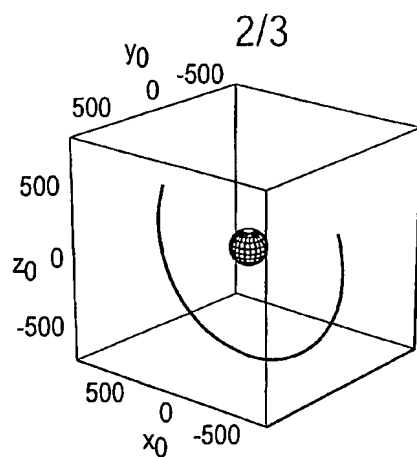


FIG.2

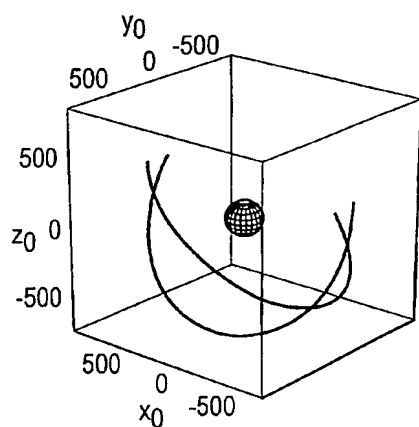


FIG.3

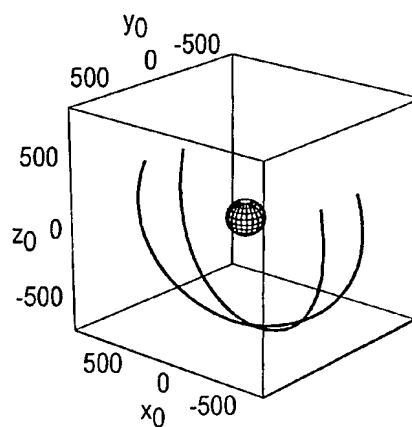


FIG.4

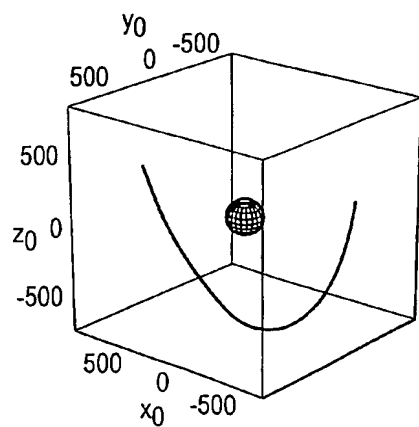


FIG.5

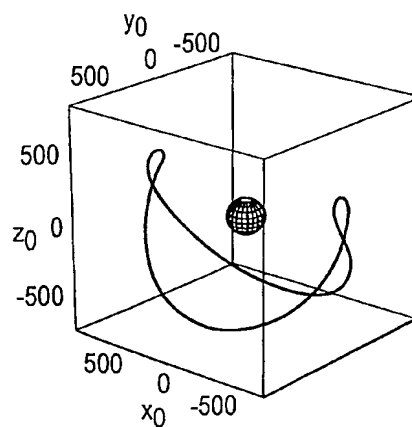


FIG.6

3/3

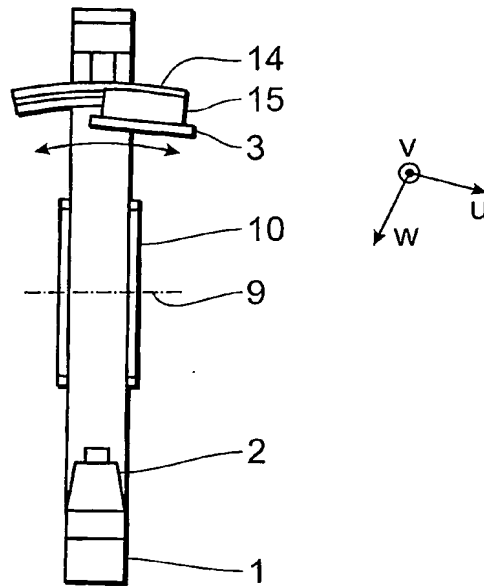


FIG. 7

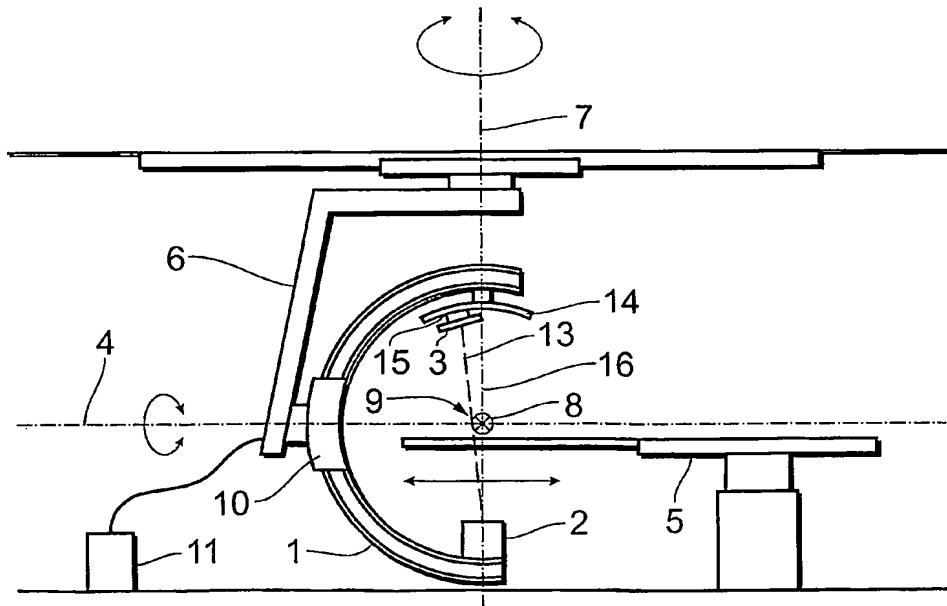


FIG. 8